

# LMR<sup>®</sup>-400 Flexible Low Loss Communications Coax



## Connectors

| Interface       | Description      | Part Number       | Stock Code | VSWR**  | Coupling Freq. (GHz) | Nut       | Inner Contact Attach | Outer Contact Attach | Finish* Body /Pin | Length in (mm) | Width in (mm) | Weight lb (g) |
|-----------------|------------------|-------------------|------------|---------|----------------------|-----------|----------------------|----------------------|-------------------|----------------|---------------|---------------|
| 7-16 DIN Female | Straight Jack    | TC-400-716-FC     | 3190-376   | <1.25:1 | (2.5)                | NA        | Solder               | Clamp                | S/S               | 1.6 (41)       | 1.13 (28.7)   | 0.281 (127.5) |
| 7-16 DIN Male   | Straight Plug    | TC-400-716-MC     | 3190-279   | <1.25:1 | (2.5)                | Hex       | Solder               | Clamp                | S/S               | 1.4 (36)       | 1.40 (35.6)   | 0.268 (121.6) |
| 7-16 DIN Male   | Right Angle      | TC-400-716MC-RA   | 3190-1671  | <1.25:1 | (<3)                 | Hex       | Solder               | Clamp                | A/S               | 2.4 (61.5)     | 1.88 (47.8)   | 0.35 (159)    |
| BNC Male        | Straight Plug    | TC-400-BM         | 3190-318   | <1.25:1 | (2.5)                | Knurl     | Solder               | Crimp                | N/S               | 1.7 (43)       | 0.56 (14.2)   | 0.063 (28.6)  |
| HN Male         | Straight Plug    | TC-400-HNM        | 3190-923   | <1.25:  | (<1)                 | Knurl     | Solder               | Clamp                | S/G               | 2.3 (59.2)     | 0.88 (22.4)   | 0.25 (113.4)  |
| QDS Male        | Straight Plug    | TC-400-QDSM       | 3190-620   | <1.25:  | (<3)                 | Knurl     | Solder               | Clamp                | A/G               | 1.8 (46.6)     | 1.00 (25.4)   | 0.25 (113.4)  |
| Mini-UHF        | Straight Plug    | TC-400-MUHF       | 3190-520   | <1.25:1 | (2.5)                | Knurl     | Solder               | Crimp                | N/G               | 1.1 (28)       | 0.50 (12.7)   | 0.020 (9.1)   |
| N Female        | Straight Jack    | TC-400-NFC        | 3190-299   | <1.25:1 | (2.5)                | NA        | Solder               | Clamp                | N/S               | 1.6 (41)       | 0.75 (19.1)   | 0.119 (54.0)  |
|                 | Straight Jack    | EZ-400-NF         | 3190-956   | <1.25:1 | (2.5)                | NA        | Spring Finger        | Crimp                | N/G               | 1.8 (45)       | 0.66 (16.8)   | 0.105 (47.6)  |
|                 | Bulkhead Jack    | EZ-400-NF-BH      | 3190-518*  | <1.25:1 | (2.5)                | NA        | Spring Finger        | Crimp                | N/G               | 1.8 (46)       | 0.88 (22.4)   | 0.102 (46.3)  |
|                 | Bulkhead Jack    | TC-400-NFC-BH (A) | 3190-872   | <1.25:1 | (2.5)                | NA        | Solder               | Clamp                | A/G               | 1.8 (46)       | 0.88 (22.4)   | 0.145 (65.8)  |
| N Male          | Straight Plug    | SC-400-NM         | 3190-1454  | <1.25:1 | (2.5)                | Knurl     | Solder               | Crimp                | N/G               | 1.5 (38)       | 0.75 (19.1)   | 0.090 (40.8)  |
|                 | Straight Plug    | TC-400-NM         | 3190-188   | <1.25:1 | (2.5)                | Knurl     | Solder               | Crimp                | N/G               | 1.5 (38)       | 0.75 (19.1)   | 0.090 (40.8)  |
|                 | Straight Plug    | TC-400-NMC        | 3190-277   | <1.25:1 | (2.5)                | Knurl     | Solder               | Clamp                | N/G               | 1.5 (38)       | 0.70 (17.8)   | 0.121 (54.9)  |
|                 | Straight Plug    | EZ-400-NFC-2      | 3190-1907  | <1.25:1 | (2.5)                | NA        | Spring Finger        | Clamp                | N/G               | 1.5 (38)       | 0.89 (22.6)   | 0.121 (54.9)  |
|                 | Straight Plug    | EZ-400-NMC-2      | 3190-1906  | <1.25:1 | (2.5)                | Hex/Knurl | Spring Finger        | Clamp                | N/G               | 1.5 (38)       | 0.75 (19.1)   | 0.121 (54.9)  |
|                 | Straight Plug    | EZ-400-NMH-D      | 3190-400*  | <1.25:1 | (10)                 | Hex/Knurl | Spring Finger        | Crimp                | A/G               | 1.5 (38)       | 0.89 (22.6)   | 0.103 (46.8)  |
|                 | Straight Plug    | TC-400-NMH-D      | 3190-552   | <1.25:1 | (10)                 | Hex/Knurl | Solder               | Crimp                | A/G               | 1.5 (38)       | 0.89 (22.6)   | 0.113 (51.3)  |
|                 | Straight Plug    | EZ-400-NMK        | 3190-661   | <1.25:1 | (10)                 | Knurl     | Spring Finger        | Crimp                | S/G               | 1.5 (38)       | 0.75 (22.6)   | 0.113 (51.3)  |
|                 | Right Angle      | TC-400-NMH-RA-D   | 3190-2293* | <1.35:1 | (6)                  | Hex/Knurl | Solder               | Crimp                | A/G               | 1.8 (46)       | 1.25 (31.8)   | 0.130 (59.0)  |
|                 | Right Angle      | TC-400-NMC-RA (A) | 3190-870   | <1.35:1 | (2.5)                | Hex       | Solder               | Clamp                | A/G               | 1.8 (46)       | 1.25 (31.8)   | 0.150 (68.0)  |
|                 | Right Angle      | EZ-400-NMH-RA     | 3190-761   | <1.35:1 | (2.5)                | Hex       | Spring Finger        | Crimp                | S/G               | 1.8 (46)       | 1.25 (31.8)   | 0.130 (59.0)  |
|                 | Reverse Polarity | TC-400-NM-RP      | 3190-960   | <1.25:1 | (2.5)                | Knurl     | Solder               | Crimp                | N/G               | 1.5 (38)       | 0.75 (19.1)   | 0.090 (40.8)  |
| SMA Male        | Straight Plug    | TC-400-SM         | 3190-439   | <1.25:1 | (8)                  | Hex       | Solder               | Crimp                | N/G               | 1.2 (29)       | 0.50 (12.7)   | 0.032 (14.5)  |
| TNC Female      | Reverse Polarity | TC-400-TF-RP      | 3190-1063  | <1.25:1 | (2.5)                | NA        | Solder               | Crimp                | N/G               | 1.8 (46)       | 0.55 (14.0)   | 0.074 (33.6)  |
|                 | Reverse Polarity | EZ-400-TF-RP      | 3190-795   | <1.25:1 | (2.5)                | NA        | Spring Finger        | Crimp                | A/G               | 1.8 (46)       | 0.55 (14.0)   | 0.074 (33.6)  |
| TNC Male        | Straight Plug    | TC-400-TM         | 3190-260   | <1.25:1 | (2.5)                | Knurl     | Solder               | Crimp                | N/S               | 1.7 (43)       | 0.59 (15.0)   | 0.074 (33.6)  |
|                 | Straight Plug    | EZ-400-TM         | 3190-650   | <1.25:1 | (2.5)                | Knurl     | Spring Finger        | Crimp                | N/S               | 1.7 (43)       | 0.59 (15.0)   | 0.074 (33.6)  |
|                 | Right Angle      | TC-400-TM-RA      | 3190-442*  | <1.35:1 | (2.5)                | Knurl     | Solder               | Crimp                | N/G               | 1.7 (43)       | 0.59 (15.0)   | 0.085 (38.6)  |
|                 | Reverse Polarity | TC-400-TM-RP      | 3190-1062  | <1.25:1 | (2.5)                | Knurl     | Solder               | Crimp                | N/G               | 1.7 (43)       | 0.59 (15.0)   | 0.074 (33.6)  |
|                 | Reverse Polarity | EZ-400-TM-RP      | 3190-794   | <1.25:1 | (2.5)                | Knurl     | Spring Finger        | Crimp                | A/G               | 1.7 (43)       | 0.59 (15.0)   | 0.074 (33.6)  |
| UHF Male        | Straight Plug    | EZ-400-UM         | 3190-997   | <1.25:1 | (2.5)                | Knurl     | Spring Finger        | Crimp                | N/G               | 1.9 (48)       | 0.80 (20.3)   | 0.090 (40.8)  |

\* Finish metals: N=Nickel, S=Silver, G=Gold, SS=Stainless Steel, A=Alloy \*\*VSWR spec based on 3 foot cable with a connector pair \*Available in bulk pack